

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9328 - L2 Version 2
Chandra X-Ray Center

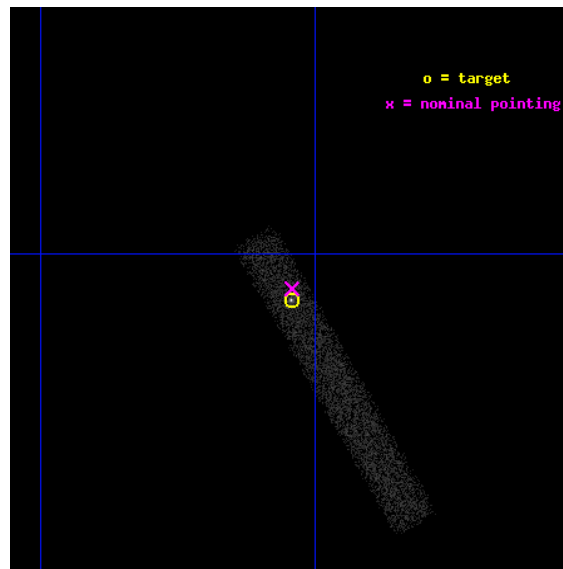
L2 Processing Date : May 20 2012

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1 Front

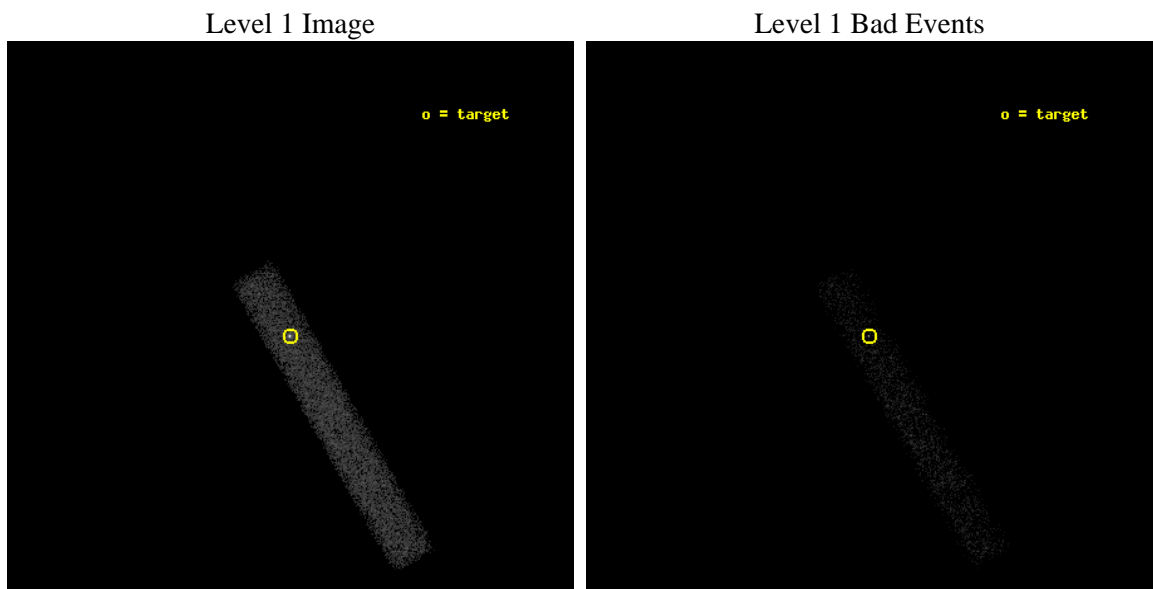
seq_num	701768	Sequence number
obs_id	9328	Observation id
title	Surveying X-ray Jets in Superluminal Blazars	Proposal title
observer	Dr. Matthew Lister	Principal investigator
object	2345-167	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	357.010833	Observer's specified target RA [deg]
dec_targ	-16.52	Observer's specified target Dec [deg]
ra_nom	357.0106669253	Nominal RA [deg]
dec_nom	-16.515190427297	Nominal Dec [deg]
roll_nom	60.156655870875	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10146.799395204	Sum of GTIs [s]
livetime	9202.6114594627	Livetime [s]
ontime7	10146.799395204	Sum of GTIs [s]
l2events	12825	Number of level 2 events



2 OBI

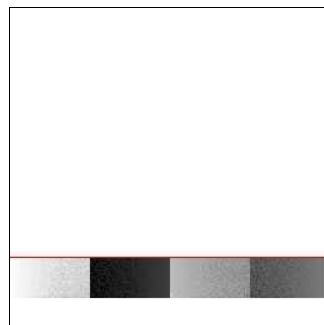
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	10146.799395204	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	10146.799395204	Sum of GTIs [s]
date	2012-05-20T21:00:43	Date and time of file creation	l1events	24854	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

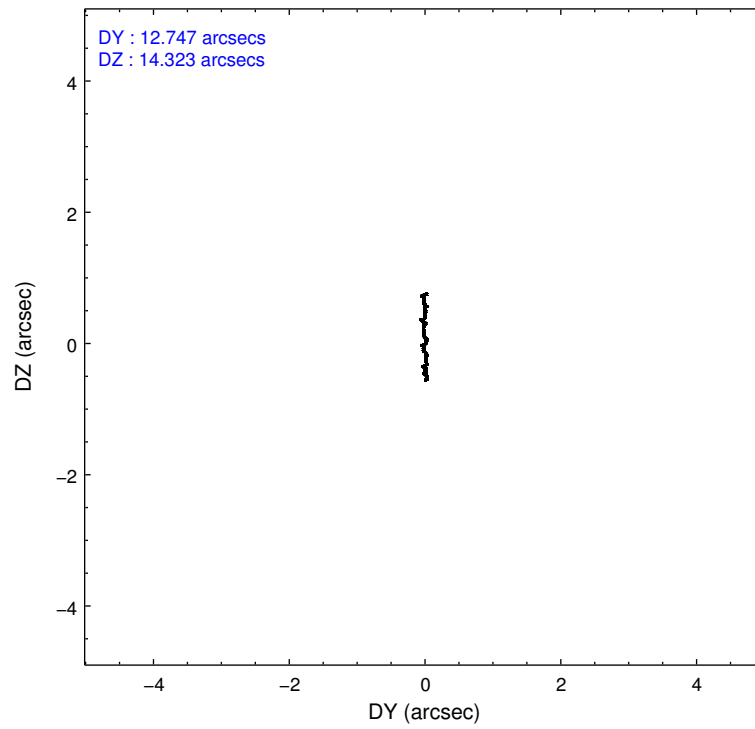
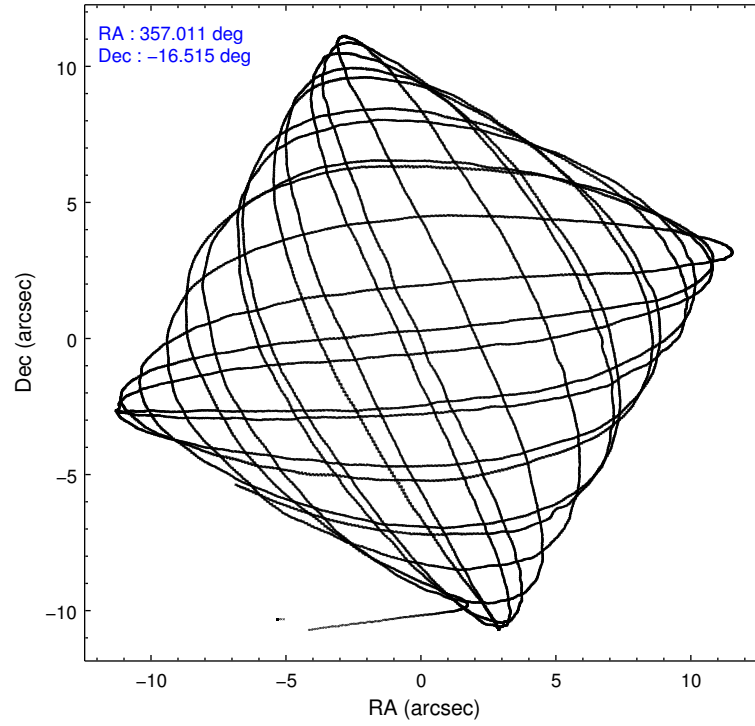
	ccd 7
level 1 events	24854
rejected events	11820
rejected %	47%

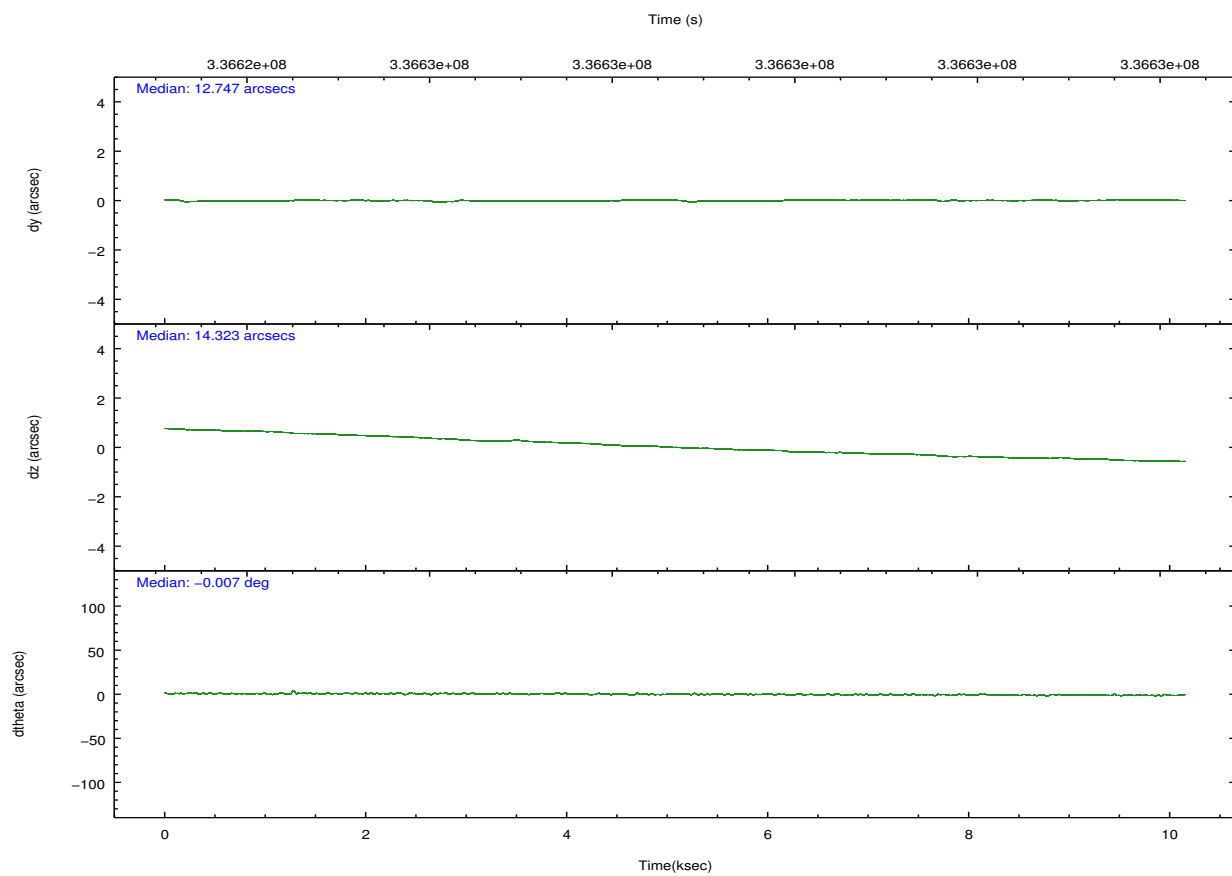
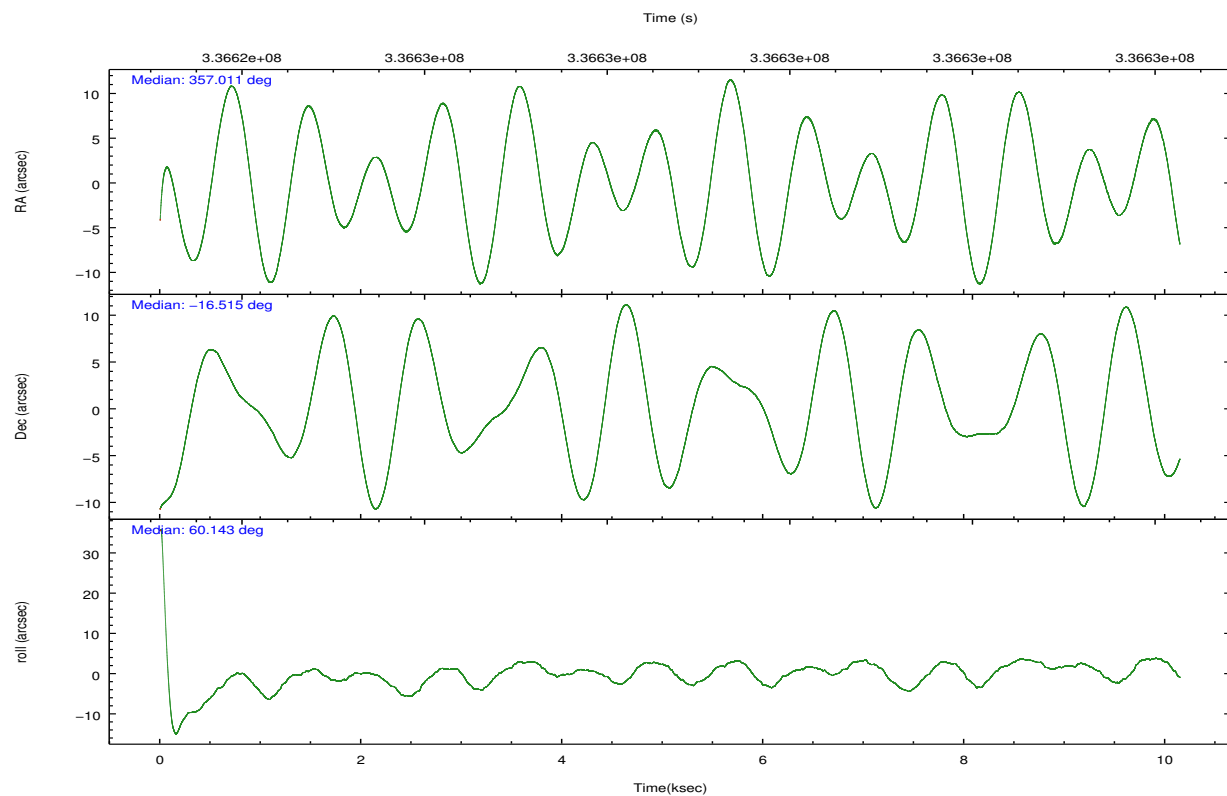
	ccd 7
grade 0 events	2089
	8%
grade 1 events	35
	0%
grade 2 events	3035
	12%
grade 3 events	1624
	6%
grade 4 events	1592
	6%
grade 5 events	1795
	7%
grade 6 events	5611
	22%
grade 7 events	9073
	36%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	357.011144	357.010666925297	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-16.542494	-16.51519042729708	Subarray start row	100	100
[deg] Pointing Roll	60.000090	60.1566558708745	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-181.422523	-181.4304778452681			
[mm] SIM translation stage offset	-8.710000000000001	-8.702044737739755			
[s] Observation start time (MET)	336623768.184000	336622521.34082			
Observation start date	2008-09-01T02:35:03	2008-09-01T02:15:21			
[s] Observation end time (MET)	336633768.184000	336634262.2039			
Observation end date	2008-09-01T05:21:43	2008-09-01T05:31:02			
Read mode	TIMED	TIMED			

2.3 Aspect



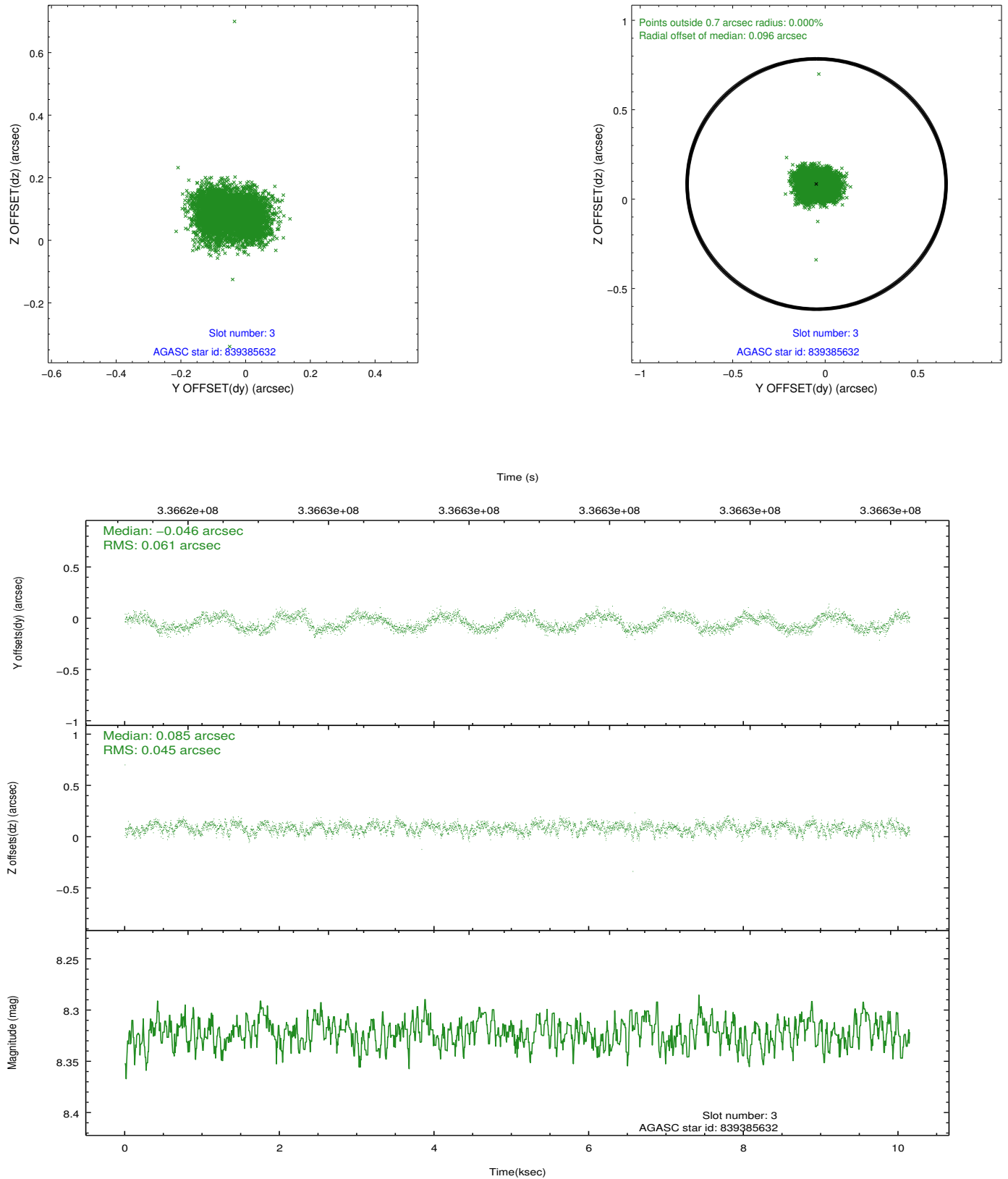


Slot Statistics

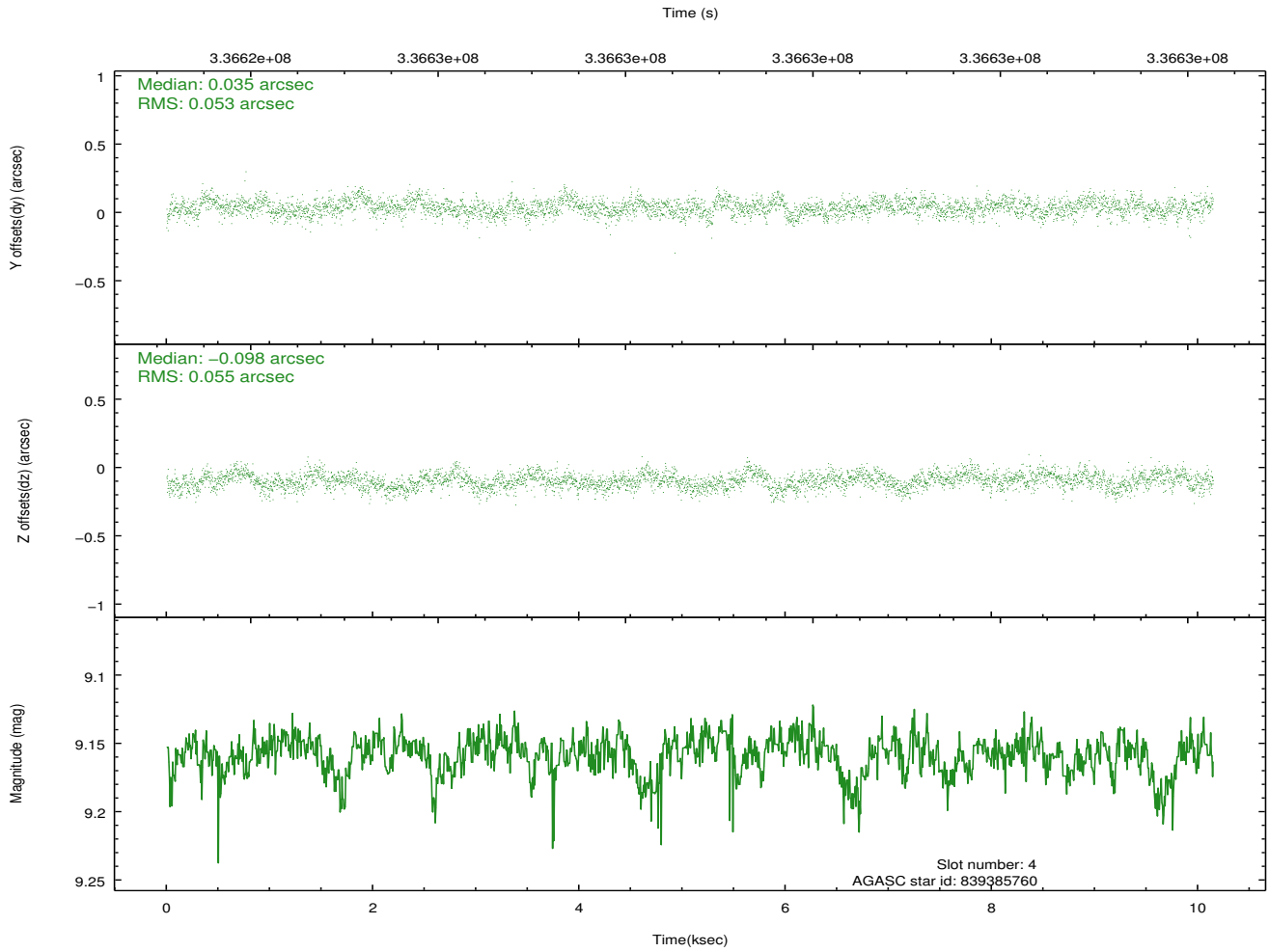
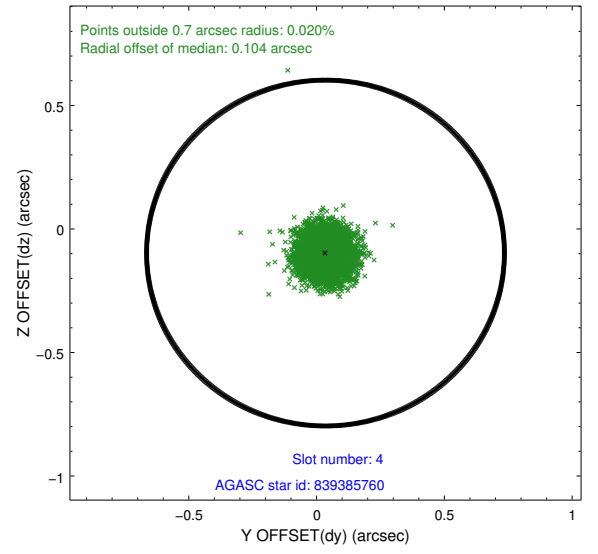
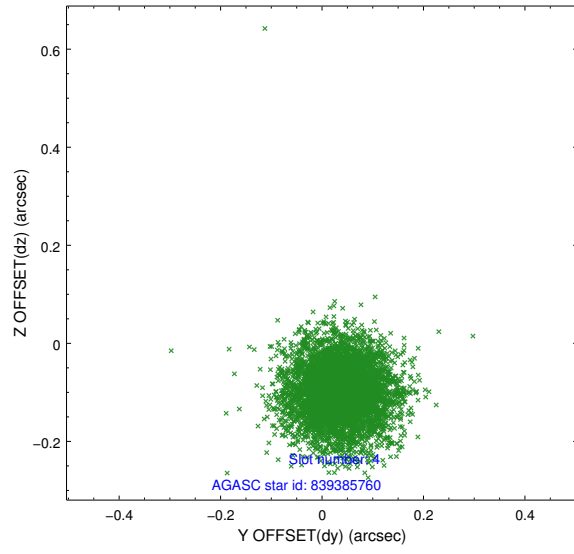
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.95	2476	0.070	0.142	0.024	0.036	0.000000	0.000000	931.15	-1910.43
1	FID	ACIS-S-2	6.86	2476	-0.156	-0.097	0.016	0.025	0.000000	0.000000	-764.68	-1915.88
2	FID	ACIS-S-6	7.16	2475	0.066	-0.039	0.015	0.024	0.000000	0.000000	396.48	630.09
3	GUIDE	839385632	8.32	4950	-0.046	0.085	0.083	0.120	357.282098	-16.262111	1342.34	-306.76
4	GUIDE	839385760	9.16	4949	0.035	-0.098	0.080	0.131	356.919221	-15.852509	1992.27	1517.71
5	GUIDE	839387472	8.43	4951	-0.097	-0.093	0.067	0.110	356.900043	-15.981488	1557.90	1343.02
6	GUIDE	839523728	9.80	4943	0.081	-0.080	0.143	0.233	357.807857	-16.491860	1529.65	-2292.90
7	GUIDE	839386592	9.75	4942	0.035	0.191	0.181	0.277	357.225686	-16.495468	517.47	-557.18

2.4 Star Slots

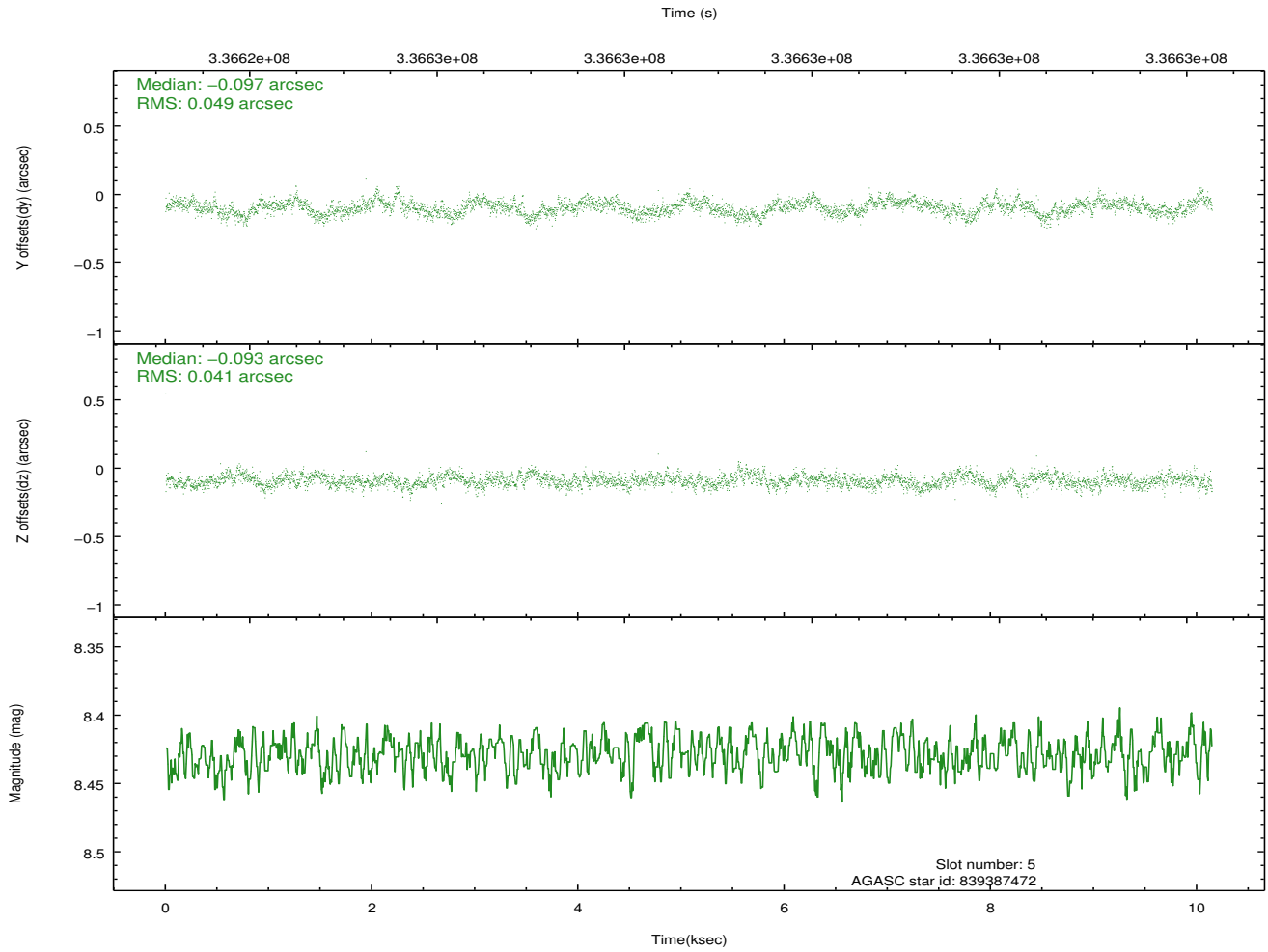
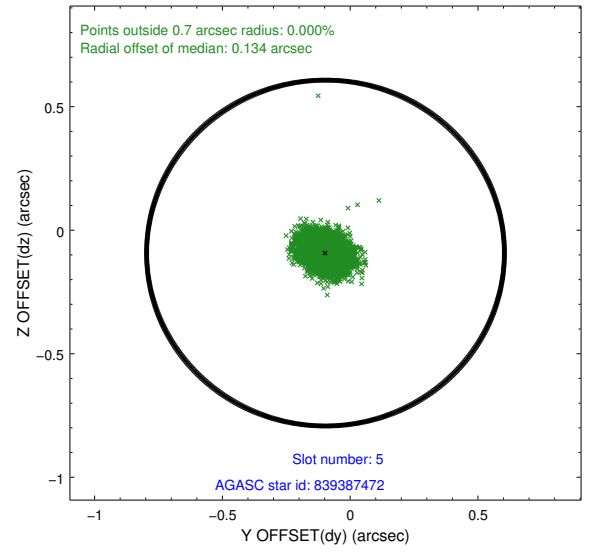
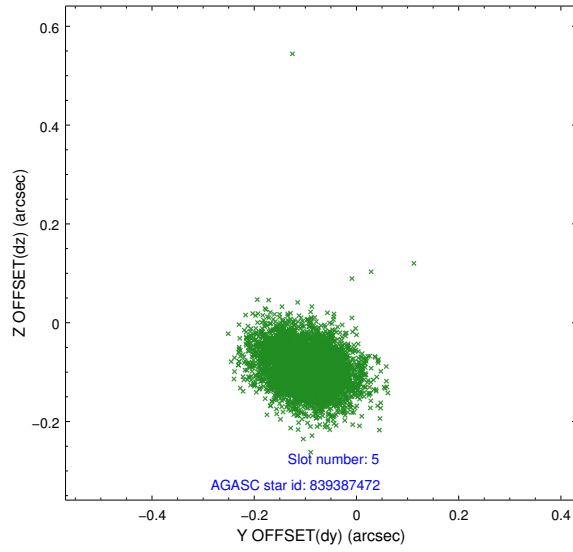
2.4.1 Slot 3



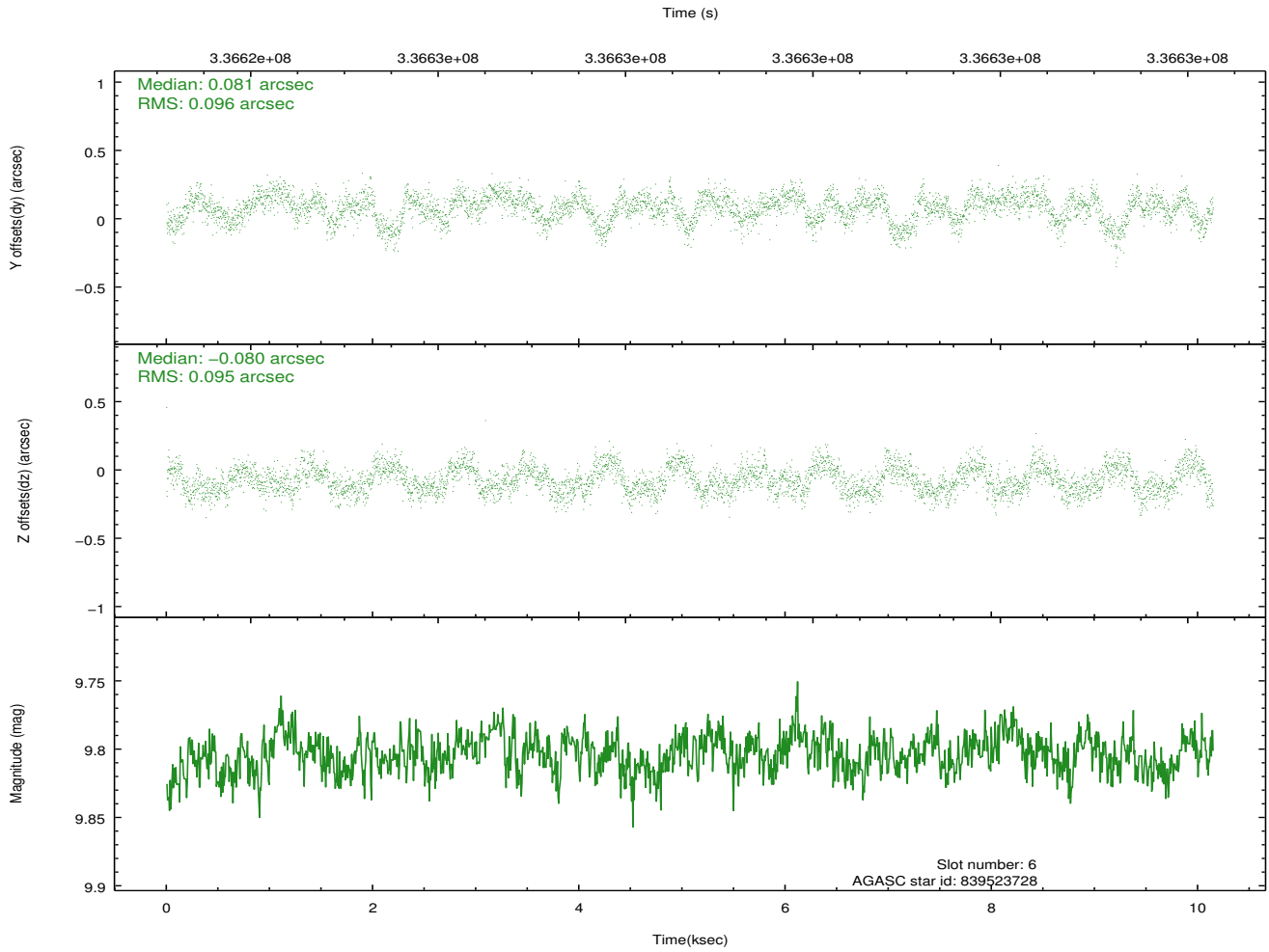
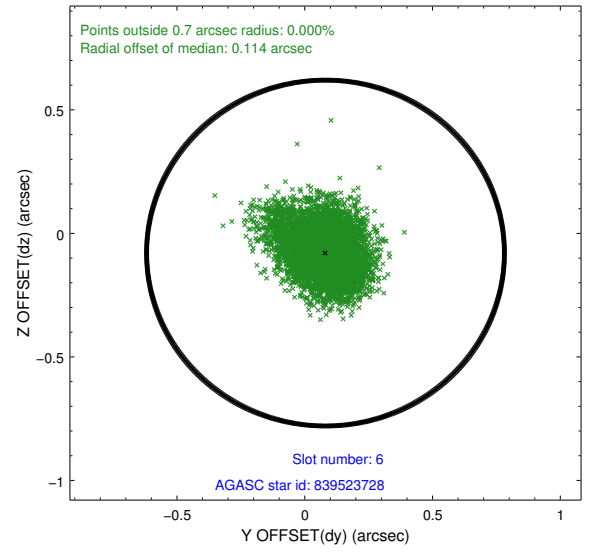
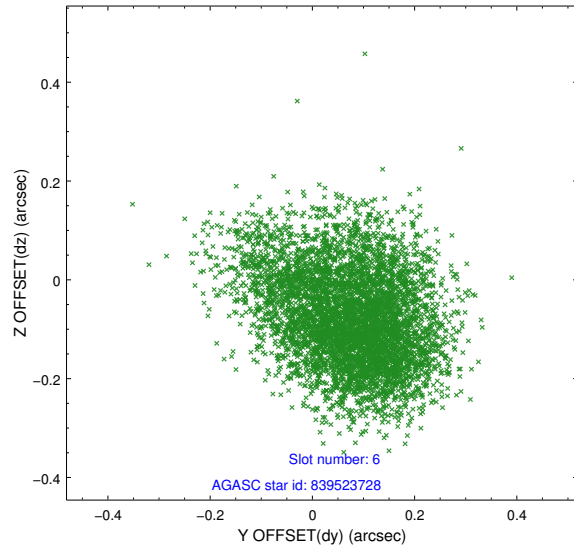
2.4.2 Slot 4



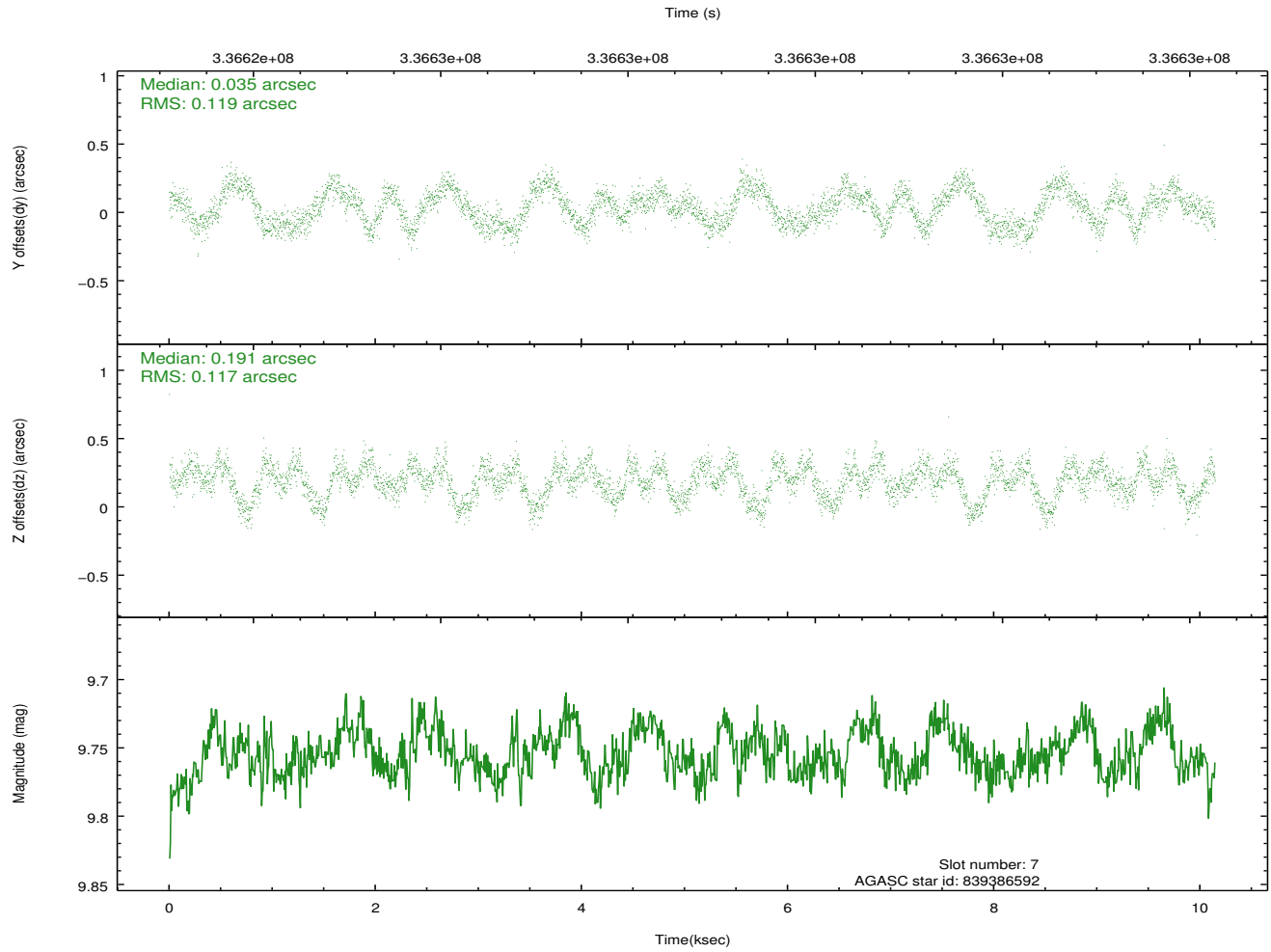
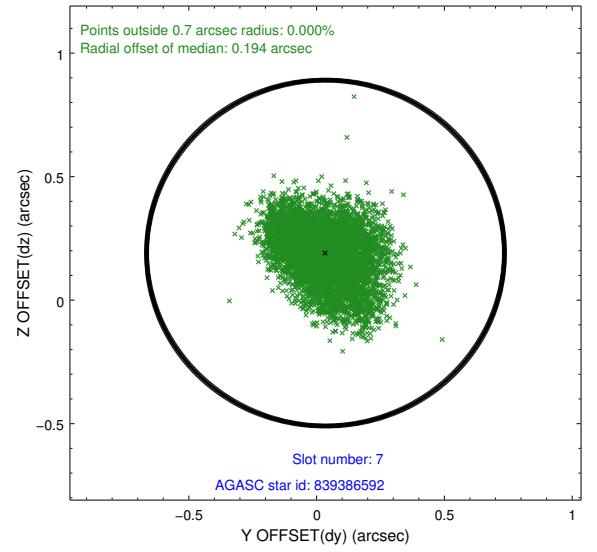
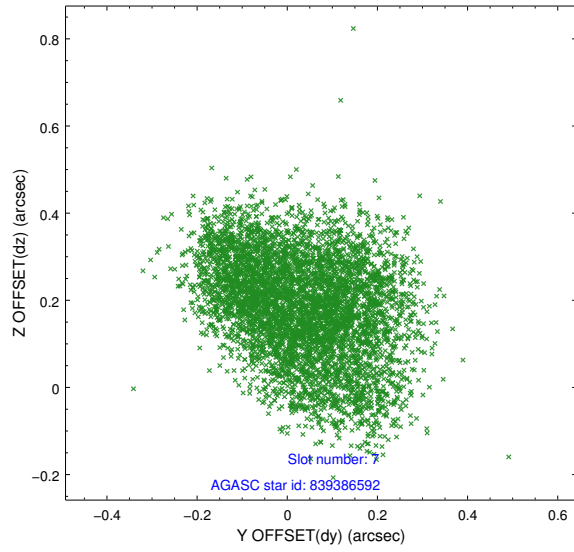
2.4.3 Slot 5



2.4.4 Slot 6

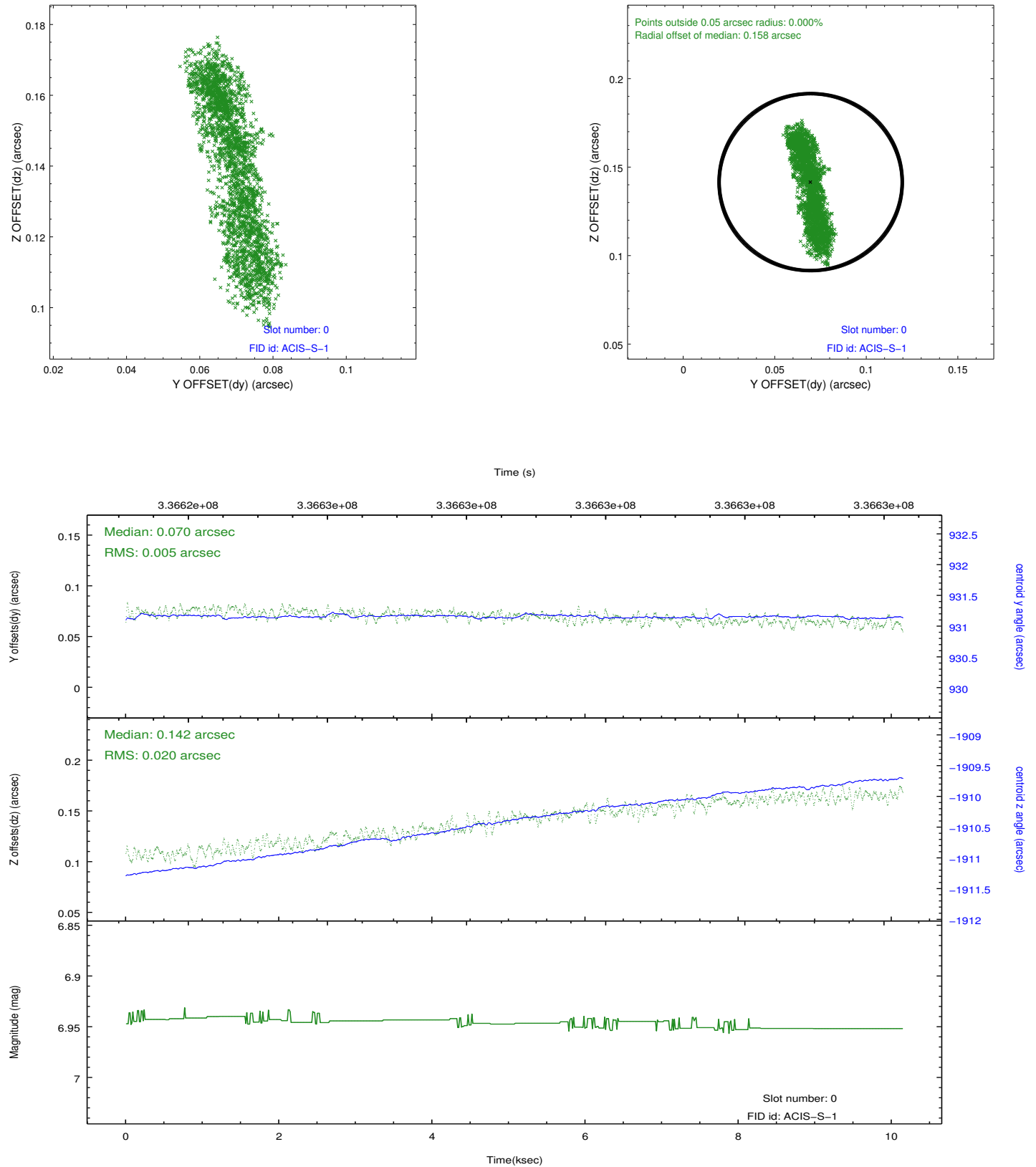


2.4.5 Slot 7

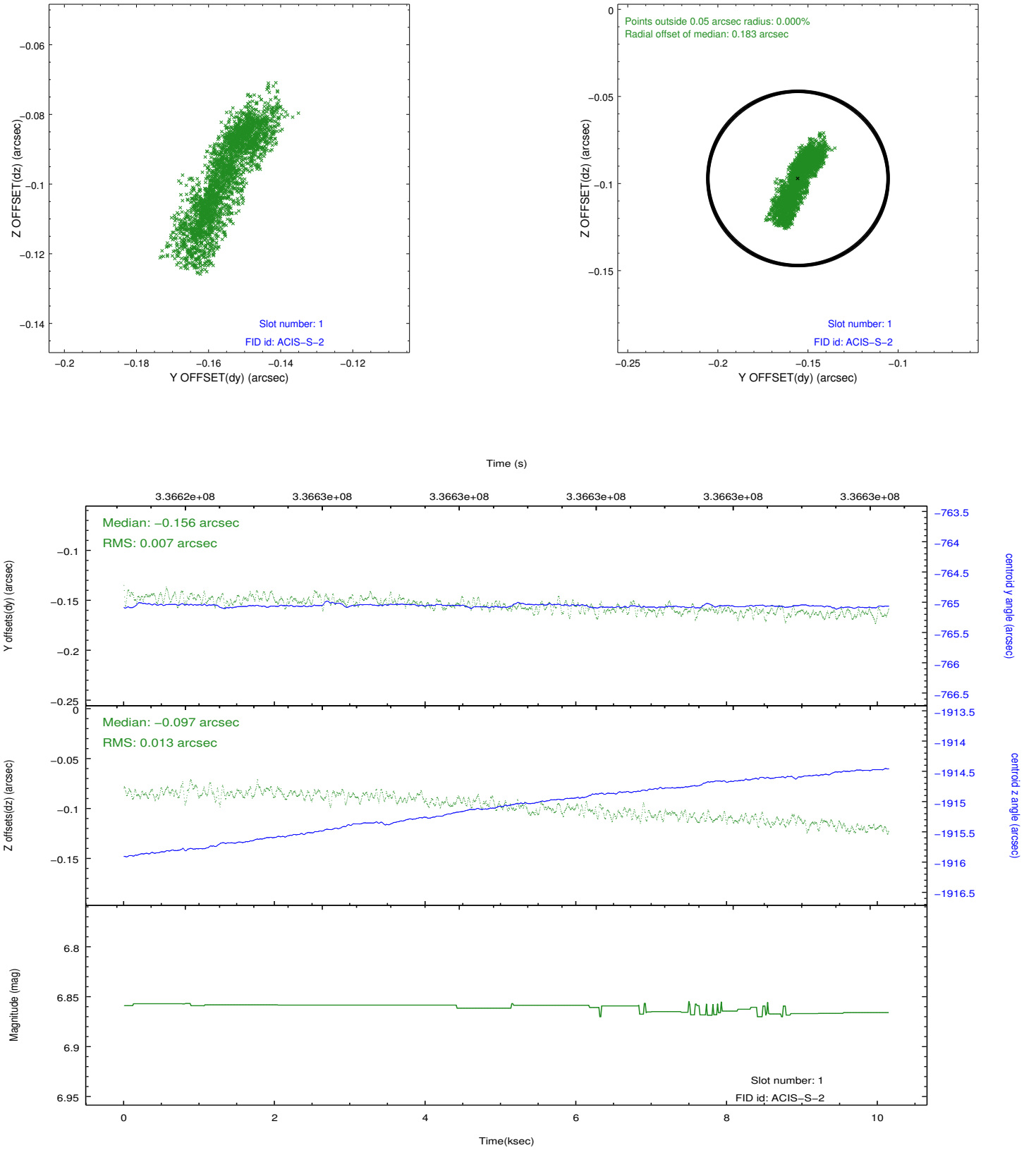


2.5 FID Slots

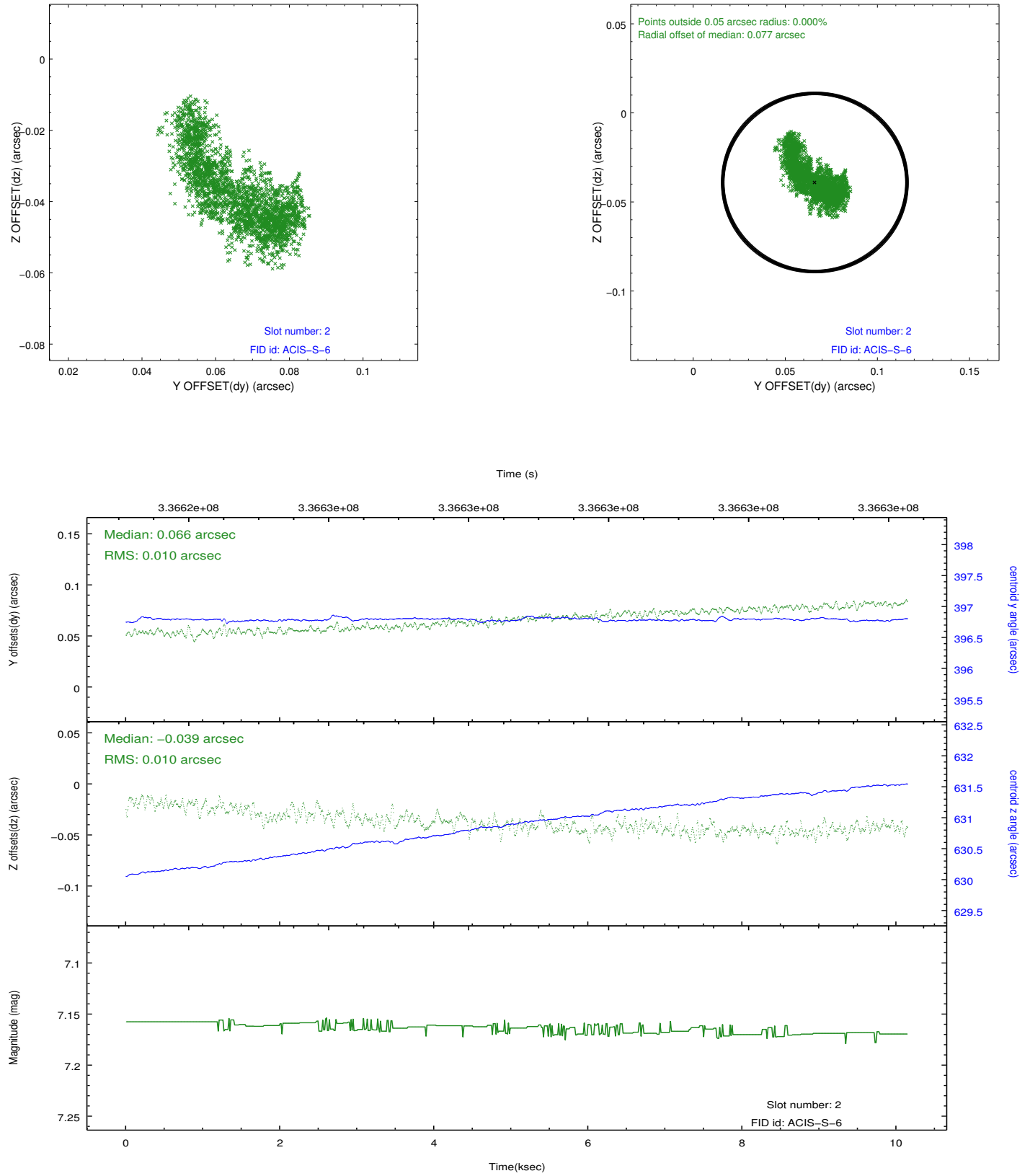
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.1467993

A.2 Comments